

1 **CLAIMS**

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5 1. A sliding quick attach system, comprising:
6 a support frame having a lower edge;
7 an elongate catch member attached to said support frame substantially parallel
8 to said lower edge;
9 at least one latch structure attached to said support frame;
10 an implement unit having an upper lip and a lower lip, wherein said upper lip
11 removably and slidably engages said catch member; and
12 at least one slot within said lower lip, wherein said slot extends longitudinally
13 within said lower lip and wherein said slot receives a locking pin from said latch
14 structure.

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17 2. The sliding quick attach system of Claim 1, wherein said slot extends at
18 least along fifty-percent of the length of said lower lip.

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21 3. The sliding quick attach system of Claim 1, wherein said upper lip is
22 comprised of a hook structure.

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25 4. The sliding quick attach system of Claim 1, including a first brace and a
26 second brace extending between said support frame and said catch member.

1 5. The sliding quick attach system of Claim 1, wherein said locking pin
2 includes a tapered portion.

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5 6. The sliding quick attach system of Claim 1, wherein said locking pin has a
6 rectangular cross section.

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9 7. The sliding quick attach system of Claim 6, wherein said locking pin has a
10 width slightly smaller than a width of said slot.

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13 8. The sliding quick attach system of Claim 1, wherein said catch member is
14 comprised of a rod structure.

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17 9. The sliding quick attach system of Claim 1, wherein said latch structure
18 includes a lever member attached to said locking pin for manipulating said locking pin.

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21 10. The sliding quick attach system of Claim 9, wherein said latch structure
22 includes an engaging portion for securing said lever member in a locked position and a
23 bias member in contact with said lever member for retaining said lever member within
24 said engaging portion.

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27 11. A sliding quick attach system, comprising:
28 a support frame having a lower edge;

1 an elongate catch member attached to said support frame substantially parallel
2 to said lower edge;
3 at least one latch structure attached to said support frame;
4 an implement unit having an upper lip and a lower lip, wherein said upper lip
5 removably and slidably engages said catch member;
6 at least one slot within said lower lip, wherein said slot extends longitudinally
7 within said lower lip and wherein said slot receives a locking pin from said latch
8 structure; and
9 an actuator unit attached between said support frame and said implement unit
10 for applying a side-to-side force to said implement unit.

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13 12. The sliding quick attach system of Claim 11, wherein said slot extends at
14 least along fifty-percent of the length of said lower lip.

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17 13. The sliding quick attach system of Claim 11, wherein said upper lip is
18 comprised of a hook structure.

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21 14. The sliding quick attach system of Claim 11, including a first brace and a
22 second brace extending between said support frame and said catch member.

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25 15. The sliding quick attach system of Claim 11, wherein said locking pin
26 includes a tapered portion.

1 16. The sliding quick attach system of Claim 11, wherein said locking pin has
2 a rectangular cross section.

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5 17. The sliding quick attach system of Claim 16, wherein said locking pin has
6 a width slightly smaller than a width of said slot.

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9 18. The sliding quick attach system of Claim 11, wherein said catch member is
10 comprised of a rod structure.

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13 19. The sliding quick attach system of Claim 11, wherein said latch structure
14 includes a lever member attached to said locking pin for manipulating said locking pin.

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17 20. The sliding quick attach system of Claim 19, wherein said latch structure
18 includes an engaging portion for securing said lever member in a locked position and a
19 bias member in contact with said lever member for retaining said lever member within
20 said engaging portion.